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ballotted for, and on a scrutiny of the ballot boxes, the following persons were declared duly elected members of the Society :

Mr. H. C. Humphreys, Chemist, of Philadelphia.

Prof. I. I. Sylvester, of Johns Hopkins Univ., Baltimore.

Mr. John Ericsson, of New York.

And the meeting was adjourned.

Stated Meeting, August 17th, 1877.

Present, 8 members.

Secretary, Dr. LeCONTE, in the Chair.

Letters acknowledging the receipt of Proceedings, 94 to 99, were received from the R. Observatory at Greenwich ; the Radcliffe Observatory ; Philosophical Society of Liverpool ; the East Tennessee University ; Poughkeepsie N. H. Society ; Wisconsin Hist. Society ; Library of Congress ; Public Library of New Bedford ; Library of Yale College ; Northern Academy of Hanover, Ind. ; U. S. Coast Survey Office ; American Journal at New Haven ; Linnean Society at Lancaster ; Buffalo N. H. Society ; Prof. L. Rüttimeyer, John L. Campbell, C. F. Brackett, C. E. Dutton, W. A. Hammond, E. Goodfellow, T. L. Kane, Thomas Hill, P. F. Rothermel, R. S. Williamson, Jos. LeConte, John LeConte, Cleveland Abbe, J. F. Clarke, Joseph Henry, M. F. Longstreth, Jas. D. Dana, and C. A. Young, now of Princeton.

Donations for the Library were received from the R. Academies at Berlin and Brussels ; the Antiquarian Society at Copenhagen ; M. Chabas ; M. L. Hugo ; the Geographical Society and *Révue Politique*, Paris ; the Observatories at Madrid, Mexico, Buenos Ayres and Cordoba ; the R. Astronomical and Zoological Societies and *London Nature* ; the Philosophical Society at Glasgow ; the *Canadian Naturalist* ; Government of Canada ; Peabody Museum at Cambridge ; Appalachian Club ; American Antiquarian Society ; Whelpley and Storer ; Silliman's Journal ; Mercantile Library of

New York; N. J. Hist. Society; Franklin Institute; Jour. of Pharmacy; News and Library; Penn Monthly; Mr. T. Meehan; U. S. Weather Bureau; Botanical Gazette, Hanover, Ind.; B. S. Lyman, Tokei; and Prof. A. Liversidge, of Sydney, N. S. W.

The death of Prof. Dr. Frederick August Tholuck, at Halle an der Saale, June 10, aged 78 years, was announced, with remarks by the Secretaries.

The death of W. Timothy Abbot Conrad, in Trenton, N. J., August 8, aged 73 years, was announced, with remarks by Prof. Cope.

Dr. Genth read his eleventh contribution from the Laboratory of the University of Pennsylvania, entitled "On Some Tellurium and Vanadium Minerals; by F. A. Genth."

Prof. Cope exhibited and described some recently discovered fossils, one of which was a cast of a gar-pike, of supposed late tertiary date, to which he assigned the provisional name, *Clastes cuneatus*—a possible link between the extinct and living genera of that family.

He communicated also a paper, entitled "On some new or little known Reptiles and Fishes of the Cretaceous, No. 3, of Kansas, by E. D. Cope."

Mr. Briggs added some points to his previous paper on the *Vena contracta*, and made some remarks on the omission from text-books of the elementary fact that, whereas an unsystematically balanced fly-wheel runs steadily and without injury to its housings so long as its rate of rotation suffers no change, the contrary is the case when its rate is retarded or accelerated.

The minutes of the last meeting of the Board of Officers and Members in Council were read, and it was then, on motion,

Resolved, That the thirteen applications for the premium for a coal-dirt burning apparatus offered by the Society, thus far received, be referred to the Committee considering the award of the premium; and that the Committee be requested to prepare a proper form of advertisement in accordance with a recent resolution of the Society.

On motion it was ordered that the name of the Daven-

port Academy of Sciences be placed on the List of Correspondents to receive the Proceedings from the year 1870 onwards.

And the meeting was adjourned.

Stated Meeting, September 21st, 1877.

Present, 12 members.

Vice-President, Mr. FRALEY, in the Chair.

Visitor, Mr. A. E. Carpenter, of Philadelphia.

Letters accepting membership were received from Mr. John Ericsson, dated New York, July 1; from Mr. H. C. Humphrey, dated Seabrook, Conn., August 10; from Prof. J. J. Sylvester, dated St. John's College, Cambria, August 11; from Prof. James Geikie, Perth, Scotland, August 14, 1877.

A photograph for the Album was received from Mr. James Geikie.

Letters of acknowledgment were received from Prof. Steenstrup, Copenhagen, August 31 (99); Royal Zoological Society, Amsterdam, July 14 (96, 98); M. Henri de Sausure, Geneva, August 15 (96, 98); Bureau des Longitudes, Paris, July 18 (96, 98); Royal Society, Edinburgh, August 8 (96, 98); Natural History Society, Northumberland, &c., August 22 (96, 98).

Letters of envoy were received from the Royal Society of New South Wales, July 11, 1877; S. de Geographie Commerciale de Bordeaux, June 1; Meteor. Office, London, July, 1877; Mr. H. S. Eddy, Cincinnati, Ohio, August 28.

A letter was received from Mr. Ludwig Mejer, Secretary of the Natural History Society of Hanover, informing the Society, that Nos. 96 and 98, sent to Prof. Stromeyer, had been given on the death of that member of the Society to the Society in Hanover, and requesting that the gift be confirmed, and the transmission of Proceedings be continued on the basis of exchanges.